

Abstract

The valve comprises a valve seat (6) and a valve body (7) with a circular diaphragm (70). The valve body (7) is arranged over the valve seat (6) in order to close the latter sealingly when it bears on the valve seat (6). The valve seat (6) and the valve body (7) have openings (64, 65, 71, 73) which are offset relative to one another and which form a free passage when the diaphragm (70) of the valve body (7) lifts. The diaphragm (70) of the valve body (7) has elongate openings (71) which are uniformly distributed along a circle in the periphery of the diaphragm (70), the circle having approximately the same center point as the diaphragm (70). The elongate openings (71) are separated from one another by webs (72), the diaphragm (70) being designed to be weaker in the area adjacent to these webs (72). It can be produced simply and inexpensively, is reliable in its use, and scarcely deforms at all even in the case of considerable variations in temperature. It is suitable in particular for use in breast shield sets, for reducing the dead volume.

(Fig. 5b)